

HYDROWEED

MATERIAL SAFETY DATA SHEET

Product Name: HYDROWEED	Chemical, Synonyms and Family: PEAT, SPHAGNUM	Material use: ABSORBENT FOR OIL AND OIL-BASED CHEMICAL SPILLS	
Distributor's Name: BEFREETECH.com		Address: 285 West Country Circle Drive Port Orange, Florida [32128]	
Telephone Number: (386) 243-9181	Emergency Telephone Number (386) 243-9181	U.N. Number None	T.D.G. Classification NOT CLASSIFIED

I. INGREDIENTS OF PRODUCT

Components	Exposure Limits	% Wt./Wt.
PEAT	ACGIH TLV	>95%
SOIL	NONE ESTABLISHED (REGARDED AS A NUISANCE PARTICULATE) 10mg/m ³	<5%

II. PHYSICAL DATA FOR PRODUCT

Boiling Point °C, 760 mm Hg. SOLID, NOT APPLICABLE	Melting Point °C NOT APPLICABLE	Vapour Pressure (mm Hg) NEGLEGIBLE
Vapour Density (Air = 1) SOLID, NOT APPLICABLE	Solubility in H ₂ O by Wt. NOT SOLUBLE, WILL REPEL H ₂ O	Appearance, Odour BROWN, ODOURLESS POWER MIXTURE
pH APPROXIMATELY 5	Percent Volatile by Wt. NOT APPLICABLE	Evaporation Rate (NOT APPLICABLE = 1)

III. FIRE AND EXPLOSION DATA FOR PRODUCT

Flash point (Test Method) NOT APPLICABLE		
Auto Ignition Temp. 265-289°C	Lower Flammable Limits in Air % by Volume UNKNOWN	Upper Flammable Limits in Air % by Volume UNKNOWN
Fire Extinguishing Substances <input checked="" type="checkbox"/> WATER FOG <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> DRY CHEMICAL <input type="checkbox"/> OTHER (SPECIFY) HYDROWEED CAN BE EXTINGUISHED BY ANY FIRE EXTINGUISHING AGENT		
Unusual Fire and Explosion Hazards IN THE EVENT OF A FIRE WHILE HYDROWEED IS BEING USED AS AN ABSORBENT, THE RECOMMENDED FIRE EXTINGUISHING MEDIA FOR THE SPILLED OIL OR OIL-BASED CHEMICAL SHOULD BE USED.		

IV. REACTIVITY DATA FOR PRODUCT

Incompatibility <input type="checkbox"/> WATER <input checked="" type="checkbox"/> OXIDIZING MATERIAL <input type="checkbox"/> ACID <input type="checkbox"/> BASE <input type="checkbox"/> OTHER		
If Other (please specify) NOT APPLICABLE	Materials to Avoid NONE	Hazardous Decomposition Products NOT APPLICABLE
Stability STABLE	Can Hazardous Polymerization Occur? NO	Storage Precautions STORE IN A DRY PLACE

V. HEALTH HAZARD INFORMATION FOR PRODUCT

Effects of Over Exposure (Both Chronic and Acute) (Inhalation, Ingestion, Eyes, Skin)	
INHALATION:	MAY BE SLIGHTLY IRRITATING AT VERY HIGH CONCENTRATIONS
INGESTION:	NO KNOWN HEALTH HAZARD
EYES:	DUST PARTICLES MAY CAUSE EYE IRRITATION
SKIN:	NO KNOWN HEALTH HAZARD
N.B.: The above information is intended for unused HYDROWEED. Consult with chemical Manufacturer for health hazard information for oil and oil-based chemicals.	

VI. TOXICITY DATA LD₅₀ AND LC₅₀ AND SPECIES FOR PRODUCT OR INGREDIENTS

A STATIC LT ₅₀ TOXICITY TEST WAS PERFORMED BY ENVIRONMENTAL PROTECTION SERVICES, ATLANTIC REGION, ENVIRONMENT CANADA (84.02.22) (FILE 4490-3). THE STATIC LT ₅₀ TOXICITY TEST EXPOSED FISH TO 1,000 AND 5,000 mg/l OF SEAWATER FOR A 96 HOUR PERIOD. ALL FISH SURVIVED WITH NO OBSERVABLE ILL EFFECTS. THEREFORE AN LC ₅₀ TEST WAS NOT REQUIRED
Emergency and First Aid Procedures (Inhalation, Ingestion, Eyes, Skin)
INHALATION: REMOVE TO FRESH AIR IF IRRITATION OCCURS. IMPLEMENT APPROPRIATE CONTROLS TO PREVENT FURTHER EXPOSURE
INGESTION: NORMALLY NOT NECESSARY TO INDUCE VOMITING. CONSULT A PHYSICIAN IF PAIN OR DISCOMFORT OCCURS
EYES: IF DUST ENTERS EYES, FLUSH EYES WITH RUNNING WATER TO REMOVE PARTICLES
SKIN: WASH AFFECTED AREAS WITH SOAP AND RUNNING WATER TO REMOVE PARTICLES
N.B: This information is intended for unused HYDROWEED. Consult with manufacturer of spilled oil or oil-based chemical absorbed onto HYDROWEED for emergency and first aid information

VII. SPILL OR LEAK PROCEDURES

Steps to be Taken Upon Release or Spillage (including Neutralizing Chemicals) SHOVEL OR SWEEP UP UNUSED HYDROWEED
Waste Disposal Methods UNUSED HYDROWEED IS NOT A HAZARDOUS WASTE CONSULT QUALIFIED PERSONNEL FOR DISPOSAL TREATMENT OF HYDRO-CARBON SATURATED HYDROWEED. SINCE DISPOSAL OF HAZARDOUS WASTE IS CONTROLLED BY MUNICIPAL, PROVINCIAL, STATE AND FEDERAL LAWS, CONTACT THESE AUTHORITIES FOR GUIDANCE.

VIII. SPECIAL PROTECTION INFORMATION FOR PRODUCT

Ventilation, Requirements, (Local or General - Specify)	
LOCAL, GENERAL, AND/OR NATURAL VENTILATION MUST KEEP DUST CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMIT FOR NUISANCE DUSTS	
Respiratory Protection (Specify)	
NIOSH APPROVED DUST RESPIRATOR SHOULD BE USED IF CONCENTRATIONS EXCEED THE RECOMMENDED EXPOSURE LIMITS OR IF ANY RESPIRATORY IRRITATION OCCURS	
Eye Protection	
SAFETY GLASSES WITH SIDE SHIELDS	
Protective Gloves, Clothing	
PROTECTIVE GLOVES OR CLOTHING ARE NOT REQUIRED FOR HYDROWEED BUT MAY BE NECESSARY TO HANDLE ABSORBED MATERIAL	
Other Protection, Special Precautions, Comment	
NOT APPLICABLE	
References Used to Complete M.S.D.S.	
ALBERTA OCCUPATIONAL HEALTH AND SAFETY ACT CHEMICAL HAZARD REGULATIONS;	
ACGIH DOCUMENTATION OF TLVs.;	
DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS, 6TH EDITION, N.IRVING SAX	
Approved by:	Approved by:
Kurt Annaheim	

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Date: September 09, 2010